



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Aldcroft et al.

Application Serial No. 09/763,916

Filed: May 11, 2001

Title: Particulate Carrier for Biocide Formulations

Confirmation No. 3570

Group Art Unit: 1616

Examiner: N. S. Levy

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated June 7, 2002, please amend the above identified application as follows herein.

IN THE CLAIMS

Please enter the following amended claims:

24 26. (Amended) A particulate composition of matter for use as a vehicle for introducing biocide into a liquid-based medium comprising porous inorganic carrier particles which is at least one of amorphous silicas, amorphous aluminas, pseudoboehmites, Y-zeolites, dealuminated Y-zeolites or mixtures of two or more thereof having biocide adsorbed within the pore system thereof and having a retention factor R, determined from the equation $R = A/P$, where A represents the percentage active ingredient by weight remaining in the pore system after contacting a sample consisting of a homogenised mixture of 0.75 g biocide and 2.25 g of carrier particles with 1000 ml of water for 90 minutes and P represents the potency as defined by the Minimum Inhibition Concentration in mg of active ingredient per liter of the biocide determined with respect to the reference microorganism *Aureobasidium pullulans*, of at least 0.6.

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32 34 34. (Amended) A composition as claimed in claim *26* in which the inorganic carrier particles are amorphous silicas, with, optionally, Y-zeolites, dealuminated Y-zeolites or mixtures of two or more of these.